

COCAINE

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COCAINE CONTENT

- ♦ *What is Cocaine?*

 - ♦ *History*

 - ♦ *How Is Cocaine Consumed?*

- ♦ *What are the Effects?*

 - ♦ *Physical Damage*

 - ♦ *Physiological Damage*

- ♦ *Addiction and Withdrawal*

- ♦ *Use in the United States*

- ♦ *Testing for Cocaine*

- ♦ *Useful Links*



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WHAT IS COCAINE?

The Chemical Name for cocaine is Benzoylmethylecognine, a Central Nervous System Stimulant.

- ❑ ***Cocaine is a bitter, white, odorless, crystalline drug.***
- ❑ ***Cocaine is a Schedule II drug and is illegal to possess and sell in the United States.***
- ❑ ***Cocaine is extracted and refined from the Coca Plant, which is grown primarily in the Andean region of South***

HISTORY of COCAINE

3000 B.C. *The Coca Plant is believed to be a gift from God and Coca chewing is practiced throughout South America.*

1662 *Abraham Cowley writes a poem about Coca "A Legend of Coca". This is the first mention of the plant in English literature.*

1708 *Coca is first mentioned in a materia medica, Institutiones Medicae.*

1850's *Coca tinctures produced throat surgery.*



HISTORY of COCAINE



A Kilo Brick of Cocaine
from the Publisher Group

1870 Coca wine is sold throughout the United States and France with an average of 7mg of cocaine per ounce of wine.

1870s Parke, Davis manufactures a fluid extract of Coca.

1883 Merck produces $\frac{3}{4}$ pound of cocaine.

1884 Cocaine is regularly used as an anesthetic in eye surgery.

1884 Sigmund Freud publishes an article in which he recommends the use of cocaine to treat morphine addiction.

HISTORY of COCAINE

1886 Merck produces 158,352 pounds of cocaine.

1886 Coca Cola is first produced containing syrup and caffeine laced with cocaine.

1880s Parke, Davis manufacture refined cocaine.

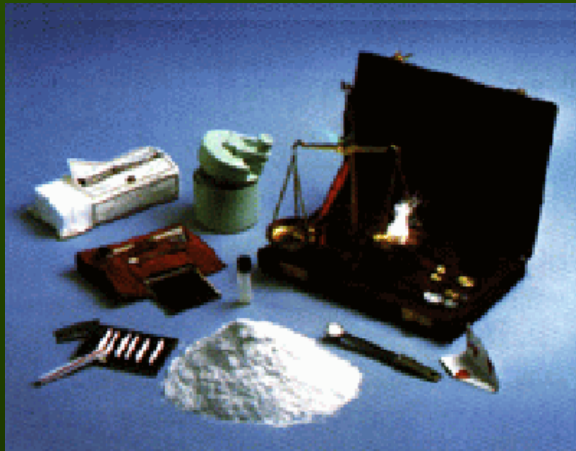
1905 The consumption of cocaine via snorting begins to gain popularity.

1910 First cases of nasal damage due to snorting cocaine are seen in hospitals.

1913 Over 5,000 cases related



HISTORY of COCAINE



1914 Cocaine is banned in the United States.

1976 Freebase cocaine (Crack) is first developed.

1980s Crack is popularized by dealers and glamorized by the Hollywood media.

1981 Wholesale cost of 1 kg of cocaine is \$55,000.

1984 Wholesale cost of 1 kg of cocaine is \$25,000.

Mid 1980s Crack becomes the most addictive form of cocaine.

STREET NAMES

Cocaine can be found on the street using an infinite number of street names and slang:

▮ **DUST**

▮ **COKE**

▮

▮

SNOW

▮

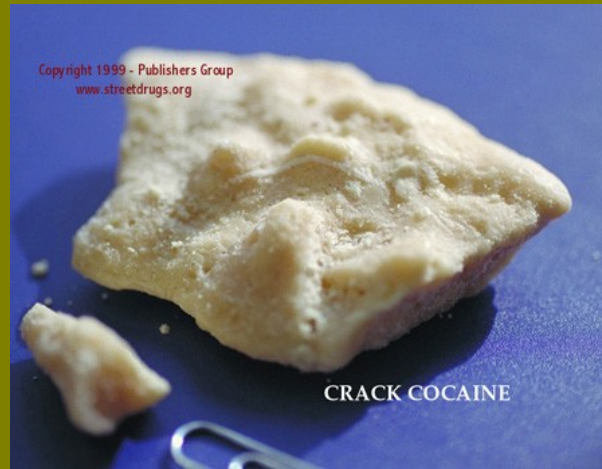
BLOW

▮

BLOKE

▮

DREAM



▮

CRACK

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▮

**FLAKES
PEARL**

▮

HEAVEN

▮

CABELLO

▮

CANDY

HOW IS COCAINE CONSUMED?

Cocaine can be snorted, injected, smoked, or eaten. The level and length of the effects depend on how the drug was induced.

	Onset	Duration
Snorted	1 minute	20-40 Minutes
Injected	1-5 Seconds	15-20 Minutes
Smoked	Immediate	5-15 Minutes
Smoked	Immediate	5-15 Minutes



PHYSICAL EFFECTS



While even the purest cocaine is extremely dangerous, the cocaine that is purchased on the street is even more so as it is often quite impure. Physical side effects that have been known to accompany

- » *Decreased Appetite*
- » *Increased Body Temperature*
- » *Increased Heart Rate*
- » *Dilated Pupils*
- » *Nausea/Vomiting*

- » *Severe Nose Damage - When Snorted*
- » *Violent Behavior*
- » *Kidney Failure*
- » *Seizure and/or Stroke*

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- » *Heart Attack*
- » *Heart Attack*

PHYSIOLOGICAL EFFECTS

The physiological effects of cocaine vary more than the physical depending on the size of dose and user tolerance:

- » Increased Alertness***
- » Increases Athletic Performance***
- » Decreased Fatigue***
- » Increased Concentration***
- » Insomnia***
- » Increased Irritability***
- » Increased Psychosis***

- » Confused Behavior***
- » Increased Fear***
- » Extreme Paranoia***
- » Anxiety Attacks***
- » Hallucinations (in extreme cases)***
- » Express Aggressive and Anti-social Behavior***

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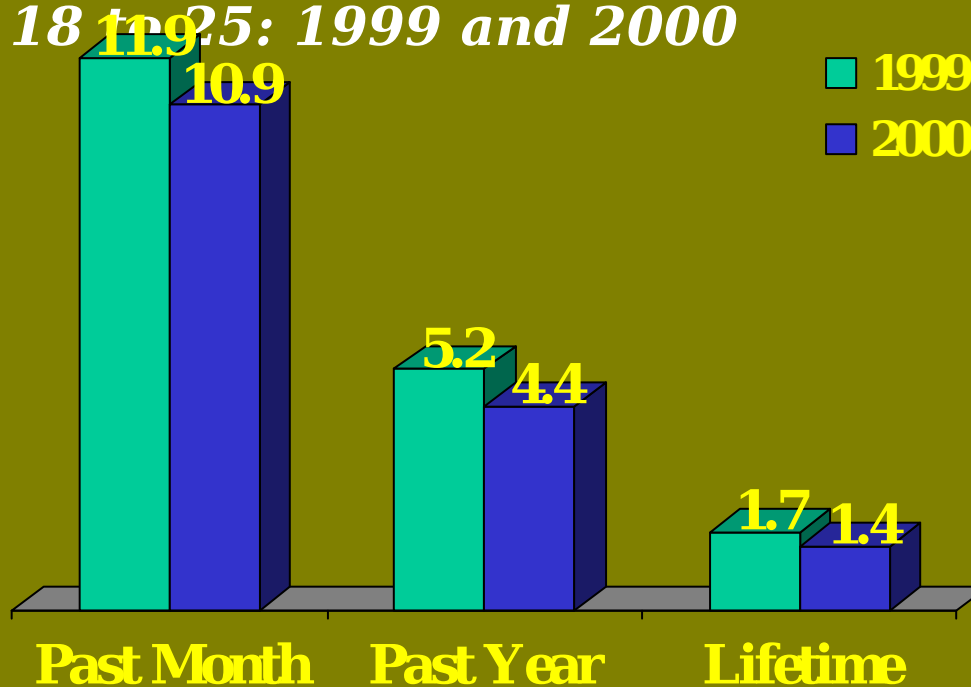
ADDICTION AND WITHDRAWAL

Cocaine is considered to be one of the most addicting drugs consumed by man. Those who use cocaine heavily or regularly find it extremely difficult to stop and often encounter serious withdrawal symptom

- ***Insomnia***
- ***Excessive Sleep***
- ***Intense Cravings***
- ***Hunger***
- ***Severe Irritability***
- ***Diarrhea***
- ***Depression***
- ***Suicidal Ideation***
- ***Paranoia***
- ***Heart Attack***
- ***Severe Apathy***
- ***Loss of Sex Drive***

COCAINE USE IN THE UNITED STATES

Percentages Reporting Lifetime, Past Year, and Past Month Use of Illicit Drugs Among Persons Aged 18 to 25: 1999 and 2000



***2000 National Household Survey On
Drug Abuse

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COCAINE TESTING IN THE ARMY

- *Cocaine is tested for in ALL urinalysis specimens.*
- *Cocaine is detectable for urine for 2-4 days after ingestion.*
- *Current Urinalysis data can be found at <http://www.acsap.army.mil>*

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ADDITIONAL RESOURCES

- <http://www.drugabuse.gov/Infofacts/cocaine.html>
- <http://ncadi.samhsa.gov>
- <http://www.justice.gov/dea/index.htm>
- <http://www.whitehousedrugpolicy.gov/drugfact/cocaine/index.html>

Check Point!

Now You Choose...

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1. Cocaine is a central nervous system _____

Depressant ?

Stimulant ?

Inhalant ?

Hybrid ?



Correct!

Cocaine is a central nervous system
stimulant.

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The correct answer is 'Stimulant'...

Cocaine is a central nervous system Stimulant.

WHAT IS COCAINE?

- ❑ *The Chemical Name for cocaine is Benzoylmethylecognine, a Central Nervous System Stimulant.*



the Coca Plant, which is grown

2. Cocaine is considered to be one of the most addicting drugs consumed by man:

True?

False?



Correct!

Cocaine is considered to be one of the most addicting drugs consumed by man.

proceed

The correct answer is 'True'...

Cocaine is considered to be one of the most addicting drugs consumed by man.

ADDICTION AND

Cocaine is considered to be one of the most addicting drugs consumed by man.

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▪ ***Severe Apathy***

3. Cocaine is also known as _____

Blow ?
Smack ?
Lid ?
Joint ?



Correct!

Cocaine is also known as Blow.

proceed

The correct answer is 'Blow'...

Cocaine is also known as Blow.

STREET NAMES

Cocaine can be found on the street using an infinite number of street names and slang:

▮ **DUST**

▮ **COKE**

▮

▮

SNOW

▮

BLOW

▮

BLOKE

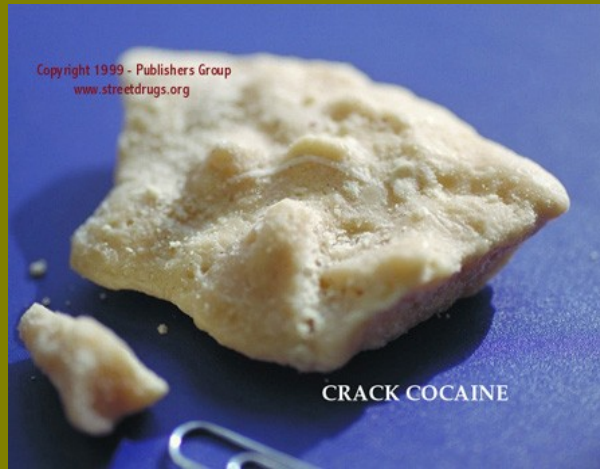
▮

DREAM

▮

CRACK

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▮

**FLAKES
PEARL**

▮

HEAVEN

▮

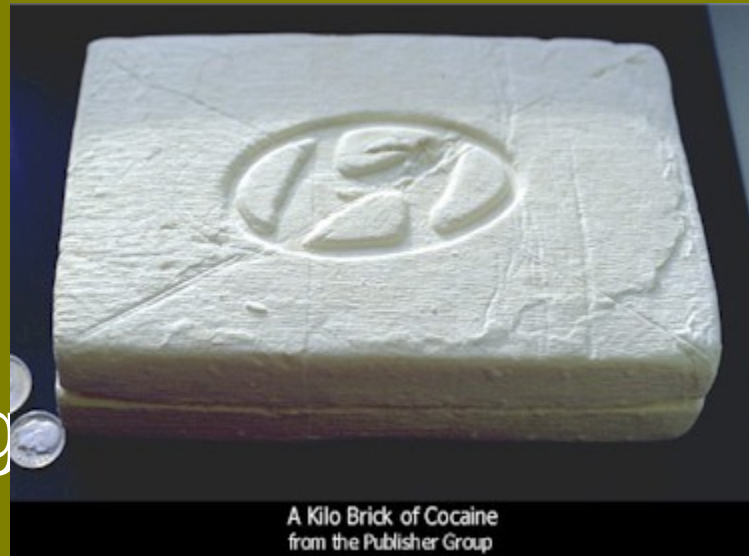
CABELLO

▮

CANDY

4. Psychological dependence on cocaine is characterized by _____

Irritability ?
Fatigue ?
Seizures ?
Intense Craving



Correct!

Psychological dependence on cocaine is characterized by
Intense Cravings.

proceed

The correct answer is 'Intense Cravings'...

Psychological dependence on cocaine is characterized by
Intense Cravings.

ADDICTION AND WITHDRAWAL

Cocaine is considered to be one of the most addicting drugs consumed by man. Those who use cocaine heavily or regularly find it extremely difficult to stop and often encounter symptoms such as Intense Cravings

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et
▪ *Severe Apathy*

5. The Army tests all urine samples for cocaine:

True?

False?

Correct!

The Army tests all urine samples for cocaine.

proceed



The correct answer is 'True'...

The Army tests all urine samples for cocaine.

Army Drug Screening

□ **Every specimen screened for the following drugs:**

□ **Cocaine**

□

□

□

□

□

□

the UCLA Olympic Analytical drug lab.
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